TECHNICAL REPORT OF U.S. ARMY AIRCRAFT ACCIDENT PART VII - IN-FLIGHT OR TERRAIN IMPACT AND CRASH DAMAGE DATA

For use of this form, see DA Pamphlet 385-40; the proponent agency is OCSA.

REQUIREMENTS CONTROL SYMBOL CSOCS-309

	,		, , , , , ,								
1.		IN-FLIGHT	f. Obstacle Strike Sequence (Enter 1, 2, 3, etc. to show sequence of strike)								
a. Airspeed at	Impact (knots)	f. Obstacle Strike	w sequence of strike)								
h Vertical Spo	eed (feet per minute)				Prop	p/Rotor			Landing Gear		
b. Vertical Spe	Down				Rotor Mast				Wing		
c. Flight Path A	Tail		Empennage								
Up	Down	Tail		WSPS							
	itude At Impact	Wind		- FLIR							
		LWF		Other (Specify)							
(1) Pitch	-	(2) Roll Angle	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	《					. , , ,		
Angle -		g. Obstacle Conspicuity (Within accident distance from pilot's position, the obstacle in its surroundings was obscured)									
			1 7	1			_	, _	¬		
					(1) Completely (2) Partially (3) Not Obscured						
Degrees _	Up Down	Degre	es	Left Right	h. Wire or Cable Description						
					Туре)	Dia In Inches		No. Struck		
e. Obstacle Id	entity And Collision Height				(4) 5 =						
Obstacle			on Height Abov	ve Ground	(1) Power Tra						
			(1661)		(2) Telephone						
(1) Birds					(3) Bracing (gu						
. , _	(2) Aircraft (3) Wires/Cables				i. WSPS (1)		☐ Yes	□ No	I		
(4) Vehicle		†			` ′	Cut Wire	Yes	☐ No			
(5) Tree					j. Obstacle St				in inches)		
(6) Other		†			• •		•				
. , _	IN COLLISION KINEMATICS	AT INSTANT	OF MAJOR IMP	ACT							
a. Ground Spe	eed at Impact	- -	- -	(knota)					Three Preceding		
				(knots)	_	s <i>(a, b, c)</i> Are b.□	e The Most c.□	. Accurate			
b. Vertical Speed				(FPM)	a. 🗌						
☐ Up ☐ Down -				_ ' ' ' ''')							
c. Flight Path Angle ☐ Up ☐ Down -				(degrees)	e. Impact Angl	le			_ (degrees)		
f. Attitude at M				/							
i. Aunuue at M			(2) Ro	н			(3) Va		.		
	(1) Pitch	ni .			(3) Yaw		W				
				_ /	,						
			_	X			-	4	7		
	11		>		_		_ 4				
		*			_	4	4				
1			(2)		•	(3) 🛕	*	-			
!	•		t	•		- V					
			-								
		_	_								
Degrees	D Up [Down	Degrees _	L	eft Right	Degre	es	_	ft Right		
2			DOTATION:	VETED *** ***	IMPACT						
a. Did Aircraft	Rotate About Any Axis After	The Above Mo		Ves. complete							
a. Did Aircraft		The Above Ma Unknown	, or impact (II)	, oo, oompiele i	υ, υ, υ, anu α)						
b. Roll Degree		d. Pitch D	egrees								
Left Right Degrees			′aw Degrees Left	ight Degr					Degrees		
					50						
4.		IMPACT	FORCES RELA	ATIVE TO AIRC	RAFT AXES (G's	:)					
a. Vertical (G'	's)	b. L	3's)		c. Lateral	(G's)					
Up Down G's			Fore Af	ft	G's Left			nt	t G's		
5. CASE NO.	a. Date (YYYYMMDD)	l No.		6. OTHER AC	CFT SERIA	L NO.					

7. FUSELAGE INWARD DEFORMATION OR COLLAPSE AND INJURY RELATIONSHIP (Check appropriate boxes)														
			Specific /	rmation or	or Collaspse Fuselage Deformation Produced/Contributed to							ted to Inju	ury	
Fuselage Area	Amount or Deforma Colla	ation or	Cockpit Cabin Area		Mid Cabin Area	Rear id Cabin Cabin				Forward Cabin Area			Rear C	
			(1)	(2)	(3)	(4		(5)		(6)		(7)	(8)	
a. Roof	a. Roof Up to 1 Foot													
	More Than 1 Foot But Less Than 3 Feet]]
	More Than 3	Feet												
b. Left Side	Up to 1 Foot													<u> </u>
	More Than 1			<u> </u>		1]	\vdash]
c. Right Side	Up to 1 Foot			<u> </u>		 	<u></u>				↓	<u> </u>	<u> </u>	<u>]</u>
1.51	More Than 1		<u> </u>	 										
d. Nose	Up to 1 Foot			 					-					
e. Floor	More Than 1			 		+-	-		-					_
e. F1001	Up to 1 Foot More Than 1		 	 	 	+ +	╡		1		+-	 	╁	<u></u>
f. Floor <i>(local</i>	Vertical	FOOL	 	 	 	+	┽╂		1		+-	\vdash	+ -	
deformation	Sideward		 	 	 	╁┾	╬┼	 	1		+-	 	+	
under seats)	Forward/Rea		╁	╂┼	┝┼	╁┾	╬┼	 	-		+-	 	╁	1
8.	I Orward, ites		ARGE COME	PONENT DISF	PI ACEMEN	 JT (Che	 ock an	nropriate	- hoxes	<u> </u>				
<u> </u>				Onz	Displa		_	Torn Fre		Cockpit			Cabin	
	Cor	mponent		I	(1)			(2) Penetr		Penetrated/Ei			rated/Entered (4)	
a. Transmission	n (forward or	main)												
b. Transmission	n (rear)													
c. Rotor Blade	(forward or ma	ain)												
d. Rotor Blade	(rear or tail)													
e. Landing Gear		ation)												
f. Other (specify	v)													
9.					FLUID SPIL									
a. Equipped Wit Fuel System			Equipped, Did		e. Amount and Type Fluid Spilled									
ruei System			away Valves esigned	Separate	Gallons	, ·		Type) Oil (Type)		/pe) Hyd	Hyd Fluid (Type)		Other (Spe	эсify)
	No	☐ Ye	s 🗌 No	0 - 1 > 1 - 2	\pm	\perp								
c. Flammable F	luid Spillage		ary Fuel Tank	ks Installed	> 2 - 10			\bot				\bot		
Occurred	٦ ٨١-	∐ Yes		> 10 - 20	\bot									
∐ Yes L	No		ernal 🗌 Exte rthy 🔲 Yes		> 20							\dashv		
<u> </u>		Clasiiwoi	TINY L 165											
10.					PILLAGE SO									
Part	a.	Part	Name/Nome	nclature	D.	b. Part Number					c. National Stock No.			
(1) Cell/Tank/Re (2) Filter	eservoir				-+									
(3) Fitting					$\overline{}$									
(4) Fluid Line	` ' '				-+									
(5) Value					$\overline{}$									
(6) Breakaway Valve														
(7) Other (Specify)														
(8) Other (Specify)														
(9) Other (Specify)														
11. REMARKS														

DA FORM 2397-6, FEB 2009

PAGE 2 OF 2
APD PE v1.00